

ABSTRACT

There is provided a semi-transmitting mirror-possessing substrate that has high reflectivity while
5 maintaining high transmissivity, whereby transmission display performance and reflection display performance can both be improved. The semi-transmitting mirror-possessing substrate 1 has a transparent glass substrate
2 made of a soda lime silicate glass, a foundation film 3
10 made of silicon oxide (SiO_x) formed on the glass substrate 2, a semi-transmitting reflective film 4 made of aluminum (Al) formed on the foundation film 3, and a protective film 5 made of silicon dioxide (SiO_2) formed on the semi-transmitting reflective film 4. The film
15 thickness of the SiO_x used as the foundation film 3 is in a range of 0 to 8nm. Moreover, the chemical composition ratio x of oxygen (O) to silicon (Si) in the SiO_x is in a range of 1.5 to 2.0.